

IN THE SPECIFICATION

Please replace the paragraph beginning at page 3, line 8 (as numbered) with:

The figure~~FIG. 1~~ is a preferred embodiment of the present invention.

Please replace the paragraph beginning at page 3, line 17 (as numbered) with:

The figure~~FIG. 1~~ is the preferred embodiment of the present invention, wherein a first I/O observer device 10, a second I/O observer device 12, and a third I/O observer device 14 are used for analyzing a packet. In this preferred embodiment, a personal computer is used as the I/O observer device for observing variations as the packet passes through a network node or after network handshaking. However, the present invention is may also employ other apparatus having the same packet analyzing function in other embodiments.

Please replace the paragraph beginning at page 3, line 24 (as numbered) with:

Referring to the figure~~FIG. 1~~, a first hub 22 is simultaneously connected to a first packet extractor 16, a second packet extractor 18, and a third packet extractor 20. A second hub 24 is also simultaneously connected to the first packet extractor 16, the second packet extractor 18, and the third packet extractor 20. A third hub 26 is also simultaneously connected to the first packet extractor 16, the second packet extractor 18, and the third packet extractor 20. In accordance with the above-mentioned connecting relationship, a network is formed. Further, the hubs are allowed to connect various types of communication protocols, such as wireless network or IP v6 for separating different kind of networks.

Please replace the paragraph beginning at page 4, line 9 (as numbered) with:

As shown in the figure~~FIG. 1~~, the first packet extractor 16 passes the packet extracted from the network to the first I/O observer device 10 and thereby analyzes the extracted packet. The I/O second observer device 12 and the third I/O observer device 14 are respectively connected to the second packet extractor 18 and the third packet extractor 20 for observing and analyzes the extracted packets.

In this preferred embodiment, the packet extractors can be three network interface cards respectively mounted in three personal computers and connected with the hubs 22, 24, 26. In addition, the hubs 22, 24, 26 are also connected to other network interface cards mounted in other computers, so as to form a network environment.